

IN THE CLAIMS

Please amend the claims as follows where a copy of the claims with the amendments delineated are set forth below in accordance with the PTO guidelines. This listing of claims will replace all prior versions, and listings, of claims in this application.

1. (Currently amended) An integrated application environment, comprising:
 - a client computer system adapted to communicate with a mainframe computer system, the mainframe computer system in communication with a database holding data about a plurality of customers, the data indexed by keys, the client computer system comprising:
 - a desktop bus adapted to receive a-key associated with a plurality of sessions and that indexes data about a-customers stored in the database, store the received keys, and provide the stored keys to ~~an~~ applications responsive to ~~an~~ occurrences of ~~a~~-pre-specified events;
 - a first application in communication with the desktop bus for receiving as user input data representative of ~~the~~ a key associated with a session and indexing data about a customer in the database, and for providing the key to the desktop bus; and
 - a second application in communication with the desktop bus for receiving the key associated with the session from the desktop bus responsive to ~~the~~ an occurrence of ~~the~~ a pre-specified event, and for accessing the data about the customer in the database ~~at the mainframe computer system~~ and indexed by the key.

2. (Cancelled)

1 3. (Currently amended) The integrated application environment of claim 21,
2 wherein the client computer system is coupled to a display for displaying graphical
3 information, the client computer system further comprising:

4 a control bar application adapted to graphically indicate on the display which
5 of the plurality of sessions is active and adapted to enable selection of
6 one of the plurality of sessions.

1 4. (Currently amended) The integrated application environment of claim 21,
2 wherein the client computer system is coupled to a display for displaying graphical
3 information, the client computer system further comprising:

4 an information bar displayed on the display, the information bar graphically
5 indicating which of the plurality of sessions is active and adapted to
6 display customer data associated with a key for the active session.

1 5. (Cancelled)

1 6. (Original) The integrated application environment of claim 1, wherein the
2 second application is designated as "hot."

1 7. (Currently amended) The integrated application environment of claim 1,
2 wherein a pre-specified event is receipt of the key associated with the session from the
3 first application.

1 8. (Original) The integrated application environment of claim 1, wherein the
2 second application is designated as "cold."

1 9. (Previously presented) The integrated application environment of claim 1,
2 wherein a pre-specified event is the second application gaining focus.

1 10. (Original) The integrated application environment of claim 1, further
2 comprising:
3 a bus interface component associated with the first application for enabling
4 communications between the first application and the desktop bus.

1 11. (Original) The integrated application environment of claim 10, wherein the
2 bus interface component is a language-specific proxy between the first application and the
3 desktop bus.

1 12. (Original) The integrated application environment of claim 11, wherein
2 there are a plurality of bus interface components for enabling a plurality of applications
3 developed with a plurality of different development languages to communicate with the
4 desktop bus.

1 13. (Original) The integrated application environment of claim 10, wherein the
2 bus interface component comprises:
3 a color bar module for graphically indicating whether the first application is
4 displaying customer data associated with the key stored by the desktop
5 bus.

1 14. (Original) The integrated application environment of claim 1, wherein the
2 first and second applications are retrieved from an application server in communication
3 with the client computer system.

1 15. (Currently amended) A computer program product comprising a computer-
2 usable medium having computer-readable code embodied therein for providing an
3 integrated application environment, the computer-readable code comprising:

4 a desktop bus module for receiving ~~a~~ keys that indexes data about a-
5 customers and associated with a plurality of sessions, the data
6 accessible from a remote computer system, storing the keys, and
7 providing the keys to an application program responsive to ~~an~~
8 occurrences of [[a]] pre-specified events; and
9 a bus interface module for enabling communications between the application
10 program and the desktop bus module, the bus interface module adapted
11 to provide ~~the~~ a key to the desktop bus module and receive ~~the~~ a key
12 from the desktop bus module, wherein the key provided by the bus
13 interface module to the desktop bus module is associated with a
14 particular one of the plurality of sessions.

1 16. (Canceled).

1 17. (Currently amended) The computer program product of claim 156, further
2 comprising:
3 a control bar module adapted to graphically indicate which of the plurality of
4 sessions is active and adapted to enable selection of one of the plurality
5 of sessions.

1 18. (Currently amended) The computer program product of claim 156, further
2 comprising:
3 an information bar module adapted to graphically indicate which of the
4 plurality of sessions is active and display customer data associated
5 with a key for the active session.

1 19. (Original) The computer program product of claim 17, wherein, responsive
2 to a selection of one of the plurality of sessions, the desktop bus module is adapted to
3 provide the key associated with the selected session to the bus interface module.

1 20. (Original) The computer program product of claim 15, wherein the
2 desktop bus module and bus interface module exchange the key as an extensible markup
3 language (XML) string.

1 21. (Previously presented) The computer program product of claim 15,
2 wherein a pre-specified event is receipt of the key from a second application program.

1 22. (Previously presented) The computer program product of claim 15,
2 wherein a pre-specified event is the application program gaining focus.

1 23. (Original) The computer program product of claim 15, wherein the bus
2 interface module comprises:
3 a color bar module for graphically indicating whether the application program
4 is displaying customer data associated with the key stored by the
5 desktop bus module.

1 24. (Original) The computer program product of claim 15, wherein the bus
2 interface module is a language-specific proxy between the application program and the
3 desktop bus module.

1 25. (Original) The computer program product of claim 24, wherein there are a
2 plurality of bus interface modules for enabling a plurality of application programs
3 developed with a plurality of different development languages to communicate with the
4 desktop bus module.

1 26. (Currently amended) A method of providing an integrated application
2 environment on a computer system, the method comprising the steps of:
3 receiving, by a first application, a key indexing data within a database;

4 providing the key from the first application to a centralized store of
5 information holding a plurality of keys associated with a plurality of
6 sessions, the key provided from the first application to the centralized
7 store of information being associated with a particular one of the
8 plurality of sessions;
9 providing the key from the centralized store of information to a second
10 application responsive to an occurrence of a pre-specified event; and
11 retrieving, by the second application, the data indexed by the key.

1 27. (Original) The method of claim 26, wherein the step of providing the key
2 from the first application to the centralized store of information comprises the step of:
3 providing an extensible markup language (XML) string containing the key
4 from the first application to the centralized store of information.

1 28. (Previously presented) The method of claim 26, wherein a pre-specified
2 event is providing the key from the first application to the centralized store of
3 information.

1 29. (Original) The method of claim 26, further comprising the steps of:
2 notifying the second application that data held by the second application is not
3 current; and
4 responsive to the notification, graphically indicating on a display associated
5 with the computer system that the data held by the second application
6 is not current.

1 30. (Previously presented) The method of claim 29, further comprising the
2 steps of:
3 notifying the second application to take focus; and
4 responsive to receiving the notification to take focus, graphically indicating on
5 the display that the data held by the second application is current;
6 wherein the pre-specified event is the notification to take focus.

1 31. (Canceled)

1 32. (Currently amended) The method of claim ~~26~~31, further comprising the
2 steps of:
3 receiving, by the centralized store of information, data representative of a
4 change from a first session of the plurality of sessions to a second
5 session of the plurality of sessions;
6 providing, from the centralized store of information to the first application
7 responsive to receipt of the session change, a second key associated
8 with the second session;
9 providing, from the centralized store of information to the second application
10 responsive to receipt of the session change, a notification that data held
11 by the second application is not current.

1 33. (Previously presented) The method of claim 32, further comprising the
2 steps of:
3 retrieving, by the first application, data indexed by the second key; and
4 graphically indicating on a display associated with the client computer system
5 that the data held by the first application is associated with the second
6 session.